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RAW SEQUENCE LISTING
PATENT APPLICATION *US/09/766,378*

DATE: 03/13/2001
TIME: 23:29:13

INPUT SET: S36502.raw

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│ **This Raw Listing contains the General**   │
│ **Information Section and up to the first 5 pages.** │
└───┘

```
1                              SEQUENCE LISTING
2
3    (1)    General Information:
4
5           (i) APPLICANT: Rhode, Peter R.
6                          Acevedo, Jorge
7                          Burkhardt, Martin
8                          Jiao, Jin-an
9                          Wong, Hing C.
10
11          (ii) TITLE OF INVENTION: SOLUBLE MHC COMPLEXES AND
12                  METHODS OF USE THEREOF
13
14          (iii) NUMBER OF SEQUENCES: 38
15
16          (iv) CORRESPONDENCE ADDRESS:
17            (A)  ADDRESSEE: Dike, Bronstein, Roberts & Cushman, LLP
18            (B)  STREET: 130 Water Street
19            (C)  CITY: Boston
20            (D)  STATE: MA
21            (E)  COUNTRY: usa
22            (F)  ZIP: 02109
23
24          (v) COMPUTER READABLE FORM:
25            (A)  MEDIUM TYPE: Diskette
26            (B)  COMPUTER: IBM Compatible
27            (C)  OPERATING SYSTEM: DOS
28            (D)  SOFTWARE: FastSEQ for Windows Version 2.0
29
30          (vi) CURRENT APPLICATION DATA:
31            (A)  APPLICATION NUMBER: 09/766,378
32            (B)  FILING DATE:
33            (C)  CLASSIFICATION:
34
35          (vii) PRIOR APPLICATION DATA:
36            (A)  APPLICATION NUMBER: 08/960,190
37            (B)  FILING DATE:
38
39          (viii) ATTORNEY/AGENT INFORMATION:
40            (A)  NAME: Corless, Peter F
41            (B)  REGISTRATION NUMBER: 33,860
42            (C)  REFERENCE/DOCKET NUMBER:    48002
43
44          (ix) TELECOMMUNICATION INFORMATION:
45            (A)  TELEPHONE: 617-523-3400
46            (B)  TELEFAX: 617-523-6440
```

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47              (C) TELEX:
48
49
50              (2) INFORMATION FOR SEQ ID NO:1:
51
52          (i) SEQUENCE CHARACTERISTICS:
53              (A) LENGTH: 8 base pairs
54              (B) TYPE: nucleic acid
55              (C) STRANDEDNESS: single
56              (D) TOPOLOGY: linear
57
58          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
59
60      CCACCATG                                                    8
61
62              (2) INFORMATION FOR SEQ ID NO:2:
63
64          (i) SEQUENCE CHARACTERISTICS:
65              (A) LENGTH: 43 base pairs
66              (B) TYPE: nucleic acid
67              (C) STRANDEDNESS: single
68              (D) TOPOLOGY: linear
69
70
71          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
72
73      CCCCCCAAGC TTCCGGGCCA CCATGGCTCT GCAGATCCCC AGC             43
74
75              (2) INFORMATION FOR SEQ ID NO:3:
76
77          (i) SEQUENCE CHARACTERISTICS:
78              (A) LENGTH: 34 base pairs
79              (B) TYPE: nucleic acid
80              (C) STRANDEDNESS: single
81              (D) TOPOLOGY: linear
82
83
84          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
85
86      CCCCCCACTT AAGGTCCTTG GGCTGCTCAG CACC                       34
87
88              (2) INFORMATION FOR SEQ ID NO:4:
89
90          (i) SEQUENCE CHARACTERISTICS:
91              (A) LENGTH: 37 base pairs
92              (B) TYPE: nucleic acid
93              (C) STRANDEDNESS: single
94              (D) TOPOLOGY: linear
95
96
97          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
98
99      GGGGGGGCCA TGGCCGGAAA CTCCGAAAGG CATTTCG                    37
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RAW SEQUENCE LISTING
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100
101
102             (2) INFORMATION FOR SEQ ID NO:5:
103
104         (i) SEQUENCE CHARACTERISTICS:
105           (A) LENGTH: 32 base pairs
106           (B) TYPE: nucleic acid
107           (C) STRANDEDNESS: single
108           (D) TOPOLOGY: linear
109
110         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
111
112   GCGGCGACTA GTCCACTCCA CAGTGATGGG GC                    32
113
114
115             (2) INFORMATION FOR SEQ ID NO:6:
116         (i) SEQUENCE CHARACTERISTICS:
117           (A) LENGTH: 36 base pairs
118           (B) TYPE: nucleic acid
119           (C) STRANDEDNESS: single
120           (D) TOPOLOGY: linear
121
122         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
123
124   GGGGGGGCCA TGGCCGAAGA CGACATTGAG GCCGAC                36
125
126
127             (2) INFORMATION FOR SEQ ID NO:7:
128
129         (i) SEQUENCE CHARACTERISTICS:
130           (A) LENGTH: 32 base pairs
131           (B) TYPE: nucleic acid
132           (C) STRANDEDNESS: single
133           (D) TOPOLOGY: linear
134
135         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
136
137   GCGCGACTAG TCCAGTGTTT CAGAACCGGC TC                    32
138
139             (2) INFORMATION FOR SEQ ID NO:8:
140
141
142         (i) SEQUENCE CHARACTERISTICS:
143           (A) LENGTH: 31 base pairs
144           (B) TYPE: nucleic acid
145           (C) STRANDEDNESS: single
146           (D) TOPOLOGY: linear
147
148         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
149
150   GGGGGGGATA TCTCTCAGGC TGTTCACGCT G                     31
151
152
```

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153   (2) INFORMATION FOR SEQ ID NO:9:
154
155   (i) SEQUENCE CHARACTERISTICS:
156   (A) LENGTH: 46 base pairs
157   (B) TYPE: nucleic acid
158   (C) STRANDEDNESS: single
159   (D) TOPOLOGY: linear
160
161   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
162
163 GGGGGGTTCG AAAAGTGTAC TTACGGGGGG CTGGAATCTC AGGTTC   46
164
165
166
167
168
169
170
171
172   (2) INFORMATION FOR SEQ ID NO:10:
173
174   (i) SEQUENCE CHARACTERISTICS:
175   (A) LENGTH: 37 base pairs
176   (B) TYPE: nucleic acid
177   (C) STRANDEDNESS: single
178   (D) TOPOLOGY: linear
179
180   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
181
182 GGGGGGCTCG AGTATCAAAG AAGAACATGT GATCATC   37
183
184
185   (2) INFORMATION FOR SEQ ID NO:11:
186
187   (i) SEQUENCE CHARACTERISTICS:
188   (A) LENGTH: 36 base pairs
189   (B) TYPE: nucleic acid
190   (C) STRANDEDNESS: single
191   (D) TOPOLOGY: linear
192
193   (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
194
195 GCGGCGGGAT CCGTTCTCTG TAGTCTCTGG GAGAGG   36
196
197
198   (2) INFORMATION FOR SEQ ID NO:12:
199
200   (i) SEQUENCE CHARACTERISTICS:
201   (A) LENGTH: 42 base pairs
202   (B) TYPE: nucleic acid
203   (C) STRANDEDNESS: single
204   (D) TOPOLOGY: linear
205

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```
206          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
207
208  GATAAGAGGA AGAAGAGTAC ATGCCGATGG AACCCGGGTG AG                         42
209
210
211          (2) INFORMATION FOR SEQ ID NO:13:
212
213          (i) SEQUENCE CHARACTERISTICS:
214             (A) LENGTH: 43 base pairs
215             (B) TYPE: nucleic acid
216             (C) STRANDEDNESS: single
217             (D) TOPOLOGY: linear
218
219          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
220
221  AATTCTTCAC CCGGGTTCCA TCGGCATGTA CTCTTCTTCC TCG                        43
222
223
224
225
226
227
228
229          (2) INFORMATION FOR SEQ ID NO:14:
230
231          (i) SEQUENCE CHARACTERISTICS:
232             (A) LENGTH: 75 base pairs
233             (B) TYPE: nucleic acid
234             (C) STRANDEDNESS: single
235             (D) TOPOLOGY: linear
236
237          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:14:
238
239  CCCCCCGCTA GCGGAGGGGG CGGAAGCGGC GGAGGGGGGG ACACCCGACC ACGTTTCCTG     60
240  TGGCAGCCTA AGAGG                                                      75
241
242
243          (2) INFORMATION FOR SEQ ID NO:15:
244
245          (i) SEQUENCE CHARACTERISTICS:
246             (A) LENGTH: 48 base pairs
247             (B) TYPE: nucleic acid
248             (C) STRANDEDNESS: single
249             (D) TOPOLOGY: linear
250
251          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:15:
252
253  CCCCCCGAAT TCCCCACTAG TCCATTCCAC TGTGAGAGGG CTTGTCAC                   48
254
255
256          (2) INFORMATION FOR SEQ ID NO:16:
257
258          (i) SEQUENCE CHARACTERISTICS:
```

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION   *US/09/766,378*

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